

Title (en)  
Method and system for providing an apparent spatial position to a synthesized voice

Title (de)  
Verfahren und Vorrichtung zum Vorsehen einer gewünschten räumlichen Position bei synthetisierter Sprache

Title (fr)  
Méthode et système pour prévoir une position spatiale apparente d'une voix synthétisée

Publication  
**EP 0627728 B1 20000913 (EN)**

Application  
**EP 94107944 A 19940524**

Priority  
US 7336593 A 19930604

Abstract (en)  
[origin: EP0627728A1] Method and system alters audio data for a synthesized voice so that when it is produced on a speaker system, it appears to emanate from a specific spatial position. First, the voice is synthesized into a speech waveform from a set of stored data representative of a text string using standard techniques. The speech waveform is converted into analog signals for a right and left channel. Then, the analog signals to the right and left channels are altered according to position data stored with the text string so that the synthesized voice appears to originate at the specified spatial position when the analog signals are sent to a speaker system.

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**G10L 13/04**

IPC 8 full level  
**G10L 13/00** (2006.01); **G10L 13/02** (2006.01); **G10L 13/04** (2006.01)

CPC (source: EP US)  
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JP H05119770 A 19930518 - KAWAI MUSICAL INSTR MFG CO

Cited by  
EP0970464A4; CN113903325A; US10179289B2; US11351459B2; US1117055B2; US11423605B2; US11524234B2; US11344808B2; US12053700B2; US10471348B2; US10694352B2; US10835818B2; US10463964B2; US10702779B2; US11213753B2; US11712627B2; US11717753B2; US10376781B2; US10709981B2; US11207596B2; US11310346B2; US11679330B2; US10573065B2; US10586380B2; US11189084B2; US11305191B2; US12005357B2; US10213682B2; US10286326B2; US10322351B2; US10376792B2; US10668367B2; US10857468B2; US10137376B2; US10861079B2; US10905963B2; US11446582B2; US11741530B2; US10974150B2; US10981051B2; US11115712B2; US11185784B2; US11911689B2; US10421019B2; US11192028B2; US11563774B2; US11724188B2; US11833423B2; US11883745B2; US10596471B2; US10818060B2; US11148063B2; US11666831B2; US11794107B2; US10315113B2; US10561945B2; US10981069B2; US11040286B2; US11524237B2; US11896905B2; US11957984B2; US12064688B2; US10118099B2; US10226703B2; US10300390B2; US10668381B2; US11097193B2; US11420122B2; US11439909B2; US11839814B2; US12023593B2; US10284454B2; US10627983B2; US11278813B2; US11537209B2; US11709551B2; US11806626B2; US11972086B2; US12013984B2; US10099140B2; US10226701B2; US10376793B2; US10500498B2; US10807003B2; US10987588B2; US11351466B2; US11439904B2; US11794104B2; US12059627B2; US10055880B2; US10232272B2; US10245509B2; US10286314B2; US10486068B2; US10650539B2; US10765948B2; US10864443B2; US10898813B2; US10991110B2; US11224807B2; US11263670B2; US11413536B2; US11423556B2; US11420119B2; US11679333B2; US11704703B2; US11857876B2; US11986734B2

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